Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Tuesday 24 Oct 2023 until 23:59 on Wednesday 25 Oct 2023

Forecast Issued on Tuesday 24 Oct 2023 at 03:23

Confidence: High confidence for generally unsettled and changeable conditions through this period. Day-to-day details for cloud and rain are less certain at this stage so please keep up to date with the forecast.

Headline for Tuesday 24 Oct 2023: Outbreaks of rain, mainly in north,becoming lighter through the afternoon. Extensive low cloud.

Mountain weather hazards on Tuesday 24 Oct 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Medium Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Light rain	Cloudy	Cloudy	Cloudy	Cloudy
Precipitation probability					
80%	80%	80%	60%	30%	20%

Forecast for Tuesday 24 Oct 2023

Weather: Cloudy and misty with spells of rain, perhaps heavy at times. Most of the rain confined to northern parts of the Park, with drier conditions in the south extending further north through the morning. Rain mostly dying out but some drizzly outbreaks continuing into the evening.

Chance of cloud-free hill tops above 600m: 10%.

Low cloud and visibility: Areas of cloud and fog above 300 or 400m, but bases lifting to around 500 or 600m for a time in the afternoon. Away from low cloud, visibility rather hazy, often falling to a few kilometres at times in rain or drizzle.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Tuesday 24 Oct 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/16 E	8/10 E	5/7 NW	6/8 NW	6/8 NE	6/9 NE	6/10 NE
300	6/8 NE	4/7 NE	3/5 N	4/6 NW	5/9 NE	5/10 NE	5/10 E
Valley	7/15 E	6/12 E	2/5 NW	3/6 N	5/8 E	6/10 E	5/12 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/3	7/4	7/6	7/5	6/4	6/4	6/3
300	9/7	9/8	9/9	10/9	8/7	8/6	8/6
Valley	9/7	9/8	10/10	10/10	8/7	8/6	8/6
Freezing Level*	1700m	1700m	1700m	1600m	1500m	1500m	1500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Rivers and streams will still be high following recent heavy rain.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Mon 23 Oct 2023	N/A	N/A	N/A

Forecast for Wednesday 25 Oct 2023

Weather: A rather cloudy and misty start to the day. Probably mostly dry on Wednesday with some bright spells developing as low cloud slowly lifts but a chance of one or two showers. Thicker cloud and rain will approach from the southwest during the evening, but probably remaining dry.

Maximum wind: East or SE 10 to 15mph.

Chance of cloud-free hill tops above 600m: 20% becoming 70% by afternoon.

Low cloud and visibility: Areas of cloud and fog above 300 or 400m in the morning. This slowly lifting and breaking with good visibility by the afternoon.

Temperature: **Valleys:** Plus 5 degrees Celsius rising to plus 12 degrees Celsius.
At 600m: Plus 4 degrees Celsius rising to plus 8 degrees Celsius.
Freezing level: Above summits.

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